

**COMBINED DECLARATION FOR PATENT APPLICATION
AND POWER OF ATTORNEY**

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name,

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC ACIDS ENCODING THE SAME

the specification of which (check one) is attached hereto or X was filed on September 4, 2001 as Application Serial No. 09/946,374 and was amended on (if applicable).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, Section 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, §119(a)-(d) of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate have a filing date before that of the application on which priority is claimed:

Prior Foreign Application(s):

Priority Claimed
Yes No

Number	Country	Day/Month/Year Filed
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I hereby claim the benefit under Title 35, United States Code, §119(e) of any United States provisional applications(s) listed below:

PLEASE SEE ATTACHED APPENDIX A (Listing 130 U.S. Provisional Patent Applications)

Application Ser. No.	Filing Date
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I hereby claim the benefit under Title 35, United States Code, §120 of any United States applications(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

PLEASE SEE ATTACHED APPENDIX B (Listing 5 U.S. and 28 PCT Patent Applications)

Application Ser. No.	Filing Date	Status: Patented, Pending, Abandoned
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Application Ser. No.	Filing Date	Status: Patented, Pending, Abandoned
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POWER OF ATTORNEY: As a named inventor, I hereby appoint all Attorney(s) and/or Agent(s) associated with the following Patent Office Issued Customer Number to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.



09157

PATENT TRADEMARK OFFICE

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I hereby declare that all statements made herein of my own knowledge and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment or both, under Section 1001 of Title 18 of the United States Code and that willful false statements may jeopardize the validity of the application or any patent issued thereon.

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Dan Eaton

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N Ferrara

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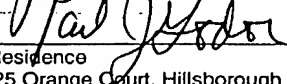
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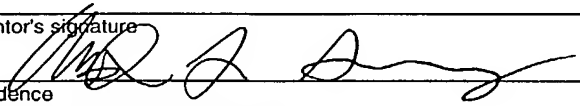
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Full name of eleventh joint inventor, if any

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Inventor's signature

Date


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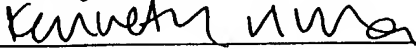
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Full name of sixteenth joint inventor, if any

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Timothy A. Stewart

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Daniel Tumas

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Full name of twenty-first joint inventor, if any

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William I. Wood

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Post Office Address

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APPENDIX A

I hereby claim the benefit under Title 35, United States Code, §119(e) of any United States provisional applications listed below:

1. 60/098716 filed 9/1/98
2. 60/098723 filed 9/1/98
3. 60/098749 filed 9/1/98
4. 60/098750 filed 9/1/98
5. 60/098803 filed 9/2/98
6. 60/098821 filed 9/2/98
7. 60/098843 filed 9/2/98
8. 60/099536 filed 9/9/98
9. 60/099596 filed 9/9/98
10. 60/099598 filed 9/9/98
11. 60/099602 filed 9/9/98
12. 60/099642 filed 9/9/98
13. 60/099741 filed 9/10/98
14. 60/099754 filed 9/10/98
15. 60/099763 filed 9/10/98
16. 60/099792 filed 9/10/98
17. 60/099808 filed 9/10/98
18. 60/099812 filed 9/10/98
19. 60/099815 filed 9/10/98
20. 60/099816 filed 9/10/98
21. 60/100385 filed 9/15/98
22. 60/100388 filed 9/15/98
23. 60/100390 filed 9/15/98
24. 60/100584 filed 9/16/98
25. 60/100627 filed 9/16/98
26. 60/100661 filed 9/16/98
27. 60/100662 filed 9/16/98
28. 60/100664 filed 9/16/98
29. 60/100683 filed 9/17/98
30. 60/100684 filed 9/17/98
31. 60/100710 filed 9/17/98
32. 60/100711 filed 9/17/98
33. 60/100848 filed 9/18/98
34. 60/100849 filed 9/18/98
35. 60/100919 filed 9/17/98
36. 60/100930 filed 9/17/98
37. 60/101014 filed 9/18/98
38. 60/101068 filed 9/18/98
39. 60/101071 filed 9/18/98
40. 60/101279 filed 9/22/98
41. 60/101471 filed 9/23/98
42. 60/101472 filed 9/23/98
43. 60/101474 filed 9/23/98
44. 60/101475 filed 9/23/98
45. 60/101476 filed 9/23/98

46. 60/101477 filed 9/23/98
47. 60/101479 filed 9/23/98
48. 60/101738 filed 9/24/98
49. 60/101741 filed 9/24/98
50. 60/101743 filed 9/24/98
51. 60/101915 filed 9/24/98
52. 60/101916 filed 9/24/98
53. 60/102207 filed 9/29/98
54. 60/102240 filed 9/29/98
55. 60/102307 filed 9/29/98
56. 60/102330 filed 9/29/98
57. 60/102331 filed 9/29/98
58. 60/102484 filed 9/30/98
59. 60/102487 filed 9/30/98
60. 60/102570 filed 9/30/98
61. 60/102571 filed 9/30/98
62. 60/102684 filed 10/1/98
63. 60/102687 filed 10/1/98
64. 60/102965 filed 10/2/98
65. 60/103258 filed 10/6/98
66. 60/103314 filed 10/7/98
67. 60/103315 filed 10/7/98
68. 60/103328 filed 10/7/98
69. 60/103395 filed 10/7/98
70. 60/103396 filed 10/7/98
71. 60/103401 filed 10/7/98
72. 60/103449 filed 10/6/98
73. 60/103633 filed 10/8/98
74. 60/103678 filed 10/8/98
75. 60/103679 filed 10/8/98
76. 60/103711 filed 10/8/98
77. 60/104257 filed 10/14/98
78. 60/104987 filed 10/20/98
79. 60/105000 filed 10/20/98
80. 60/105002 filed 10/20/98
81. 60/105104 filed 10/21/98
82. 60/105169 filed 10/22/98
83. 60/105266 filed 10/22/98
84. 60/105693 filed 10/26/98
85. 60/105694 filed 10/26/98
86. 60/105807 filed 10/27/98
87. 60/105881 filed 10/27/98
88. 60/105882 filed 10/27/98
89. 60/106023 filed 10/28/98
90. 60/106029 filed 10/28/98
91. 60/106030 filed 10/28/98
92. 60/106032 filed 10/28/98
93. 60/106033 filed 10/28/98
94. 60/106062 filed 10/27/98

95. 60/106178 filed 10/28/98
96. 60/106248 filed 10/29/98
97. 60/106384 filed 10/29/98
98. 60/108500 filed 10/29/98
99. 60/106464 filed 10/30/98
100. 60/106856 filed 11/3/98
101. 60/106902 filed 11/3/98
102. 60/106905 filed 11/3/98
103. 60/106919 filed 11/3/98
104. 60/106932 filed 11/3/98
105. 60/106934 filed 11/3/98
106. 60/107783 filed 11/10/98
107. 60/108775 filed 11/17/98
108. 60/108779 filed 11/17/98
109. 60/108787 filed 11/17/98
110. 60/108788 filed 11/17/98
111. 60/108801 filed 11/17/98
112. 60/108802 filed 11/17/98
113. 60/108806 filed 11/17/98
114. 60/108807 filed 11/17/98
115. 60/108848 filed 11/18/98
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118. 60/108851 filed 11/18/98
119. 60/108852 filed 11/18/98
120. 60/108858 filed 11/18/98
121. 60/108867 filed 11/17/98
122. 60/108904 filed 11/18/98
123. 60/108925 filed 11/17/98
124. 60/113296 filed 12/22/98
125. 60/114223 filed 12/30/98
126. 60/129674 filed 4/16/99
127. 60/141037 filed 6/23/99
128. 60/144758 filed 7/20/99
129. 60/145698 filed 7/26/99
130. 60/162506 filed 10/29/99

APPENDIX B

I hereby claim the benefit under Title 35, United States Code, §120 of any United States and PCT applications listed below:

US APPLICATIONS

1. 09/218517 filed 12/22/98
2. 09/284291 filed 4/12/99
3. 09/403297 filed 10/18/99
4. 09/872035 filed 6/1/01
5. 09/882636 filed 6/14/01

PCT APPLICATION

1. PCT/US99/00106 filed 1/5/99
2. PCT/US99/20111 filed 9/1/99
3. PCT/US99/21194 filed 9/15/99
4. PCT/US99/28313 filed 11/30/99
5. PCT/US99/28551 filed 12/2/99
6. PCT/US99/30095 filed 12/16/99
7. PCT/US00/00219 filed 1/5/00
8. PCT/US00/00376 filed 1/6/00
9. PCT/US00/03565 filed 2/11/00
10. PCT/US00/04342 filed 2/18/00
11. PCT/US00/05004 filed 2/24/00
12. PCT/US00/05841 filed 3/2/00
13. PCT/US00/06884 filed 3/15/00
14. PCT/US00/13705 filed 5/17/00
15. PCT/US00/14042 filed 5/22/00
16. PCT/US00/14941 filed 5/30/00
17. PCT/US00/15264 filed 6/2/00
18. PCT/US00/23328 filed 8/24/00
19. PCT/US00/23522 filed 8/23/00
20. PCT/US00/30873 filed 11/10/00
21. PCT/US00/30952 filed 11/8/00
22. PCT/US00/32678 filed 12/1/00
23. PCT/US01/06520 filed 2/28/01
24. PCT/US01/06666 filed 3/1/01
25. PCT/US01/17800 filed 6/1/01
26. PCT/US01/19692 filed 6/20/01
27. PCT/US01/21066 filed 6/29/01
28. PCT/US01/21735 filed 7/9/01

COMBINED DECLARATION FOR PATENT APPLICATION AND POWER OF ATTORNEY

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	Yes No

Number	Country	Day/Month/Year Filed
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PATENT TRADEMARK OFFICE

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Full name of sole or first inventor

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Margaret Ann Roy

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William I. Wood

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USA

Post Office Address

1 DNA Way
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APPENDIX A

I hereby claim the benefit under Title 35, United States Code, §119(e) of any United States provisional applications listed below:

1. 60/098716 filed 9/1/98
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4. 60/098750 filed 9/1/98
5. 60/098803 filed 9/2/98
6. 60/098821 filed 9/2/98
7. 60/098843 filed 9/2/98
8. 60/099536 filed 9/9/98
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12. 60/099642 filed 9/9/98
13. 60/099741 filed 9/10/98
14. 60/099754 filed 9/10/98
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32. 60/100711 filed 9/17/98
33. 60/100848 filed 9/18/98
34. 60/100849 filed 9/18/98
35. 60/100919 filed 9/17/98
36. 60/100930 filed 9/17/98
37. 60/101014 filed 9/18/98
38. 60/101068 filed 9/18/98
39. 60/101071 filed 9/18/98
40. 60/101279 filed 9/22/98
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49. 60/101741 filed 9/24/98
50. 60/101743 filed 9/24/98
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66. 60/103314 filed 10/7/98
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68. 60/103328 filed 10/7/98
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78. 60/104987 filed 10/20/98
79. 60/105000 filed 10/20/98
80. 60/105002 filed 10/20/98
81. 60/105104 filed 10/21/98
82. 60/105169 filed 10/22/98
83. 60/105266 filed 10/22/98
84. 60/105693 filed 10/26/98
85. 60/105694 filed 10/26/98
86. 60/105807 filed 10/27/98
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88. 60/105882 filed 10/27/98
89. 60/106023 filed 10/28/98
90. 60/106029 filed 10/28/98
91. 60/106030 filed 10/28/98
92. 60/106032 filed 10/28/98
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110. 60/108788 filed 11/17/98
111. 60/108801 filed 11/17/98
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APPENDIX B

I hereby claim the benefit under Title 35, United States Code, §120 of any United States and PCT applications listed below:

US APPLICATIONS

1. 09/218517 filed 12/22/98
2. 09/284291 filed 4/12/99
3. 09/403297 filed 10/18/99
4. 09/872035 filed 6/1/01
5. 09/882636 filed 6/14/01

PCT APPLICATION

1. PCT/US99/00106 filed 1/5/99
2. PCT/US99/20111 filed 9/1/99
3. PCT/US99/21194 filed 9/15/99
4. PCT/US99/28313 filed 11/30/99
5. PCT/US99/28551 filed 12/2/99
6. PCT/US99/30095 filed 12/16/99
7. PCT/US00/00219 filed 1/5/00
8. PCT/US00/00376 filed 1/6/00
9. PCT/US00/03565 filed 2/11/00
10. PCT/US00/04342 filed 2/18/00
11. PCT/US00/05004 filed 2/24/00
12. PCT/US00/05841 filed 3/2/00
13. PCT/US00/06884 filed 3/15/00
14. PCT/US00/13705 filed 5/17/00
15. PCT/US00/14042 filed 5/22/00
16. PCT/US00/14941 filed 5/30/00
17. PCT/US00/15264 filed 6/2/00
18. PCT/US00/23328 filed 8/24/00
19. PCT/US00/23522 filed 8/23/00
20. PCT/US00/30873 filed 11/10/00
21. PCT/US00/30952 filed 11/8/00
22. PCT/US00/32678 filed 12/1/00
23. PCT/US01/06520 filed 2/28/01
24. PCT/US01/06666 filed 3/1/01
25. PCT/US01/17800 filed 6/1/01
26. PCT/US01/19692 filed 6/20/01
27. PCT/US01/21066 filed 6/29/01
28. PCT/US01/21735 filed 7/9/01

COMBINED DECLARATION FOR PATENT APPLICATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name,

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC ACIDS ENCODING THE SAME

the specification of which (check one) is attached hereto or X was filed on September 4, 2001 as Application Serial No. 09/946,374 and was amended on (if applicable).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, Section 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, §119(a)-(d) of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate have a filing date before that of the application on which priority is claimed:

Prior Foreign Application(s):	Priority Claimed
	Yes No

Number	Country	Day/Month/Year Filed
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I hereby claim the benefit under Title 35, United States Code, §119(e) of any United States provisional applications(s) listed below:

PLEASE SEE ATTACHED APPENDIX A (Listing 130 U.S. Provisional Patent Applications)

Application Ser. No.	Filing Date
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I hereby claim the benefit under Title 35, United States Code, §120 of any United States applications(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

PLEASE SEE ATTACHED APPENDIX B (Listing 5 U.S. and 28 PCT Patent Applications)

Application Ser. No.	Filing Date	Status: Patented, Pending, Abandoned
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Application Ser. No.	Filing Date	Status: Patented, Pending, Abandoned
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POWER OF ATTORNEY: As a named inventor, I hereby appoint all Attorney(s) and/or Agent(s) associated with the following Patent Office Issued Customer Number to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.



09157

PATENT TRADEMARK OFFICE

Ginger R. Dreger, Reg. No. 33,055, CUSTOMER NO. 30,313

Send correspondence to

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I hereby declare that all statements made herein of my own knowledge and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment or both, under Section 1001 of Title 18 of the United States Code and that willful false statements may jeopardize the validity of the application or any patent issued thereon.

The undersigned hereby authorizes the U.S. attorney or agent named herein to accept and follow instructions from his foreign patent agent as to any action to be taken in the Patent and Trademark Office regarding this application without direct communication between the U.S. attorney or agent and the undersigned. In the event of a change in the persons from whom instructions may be taken, the U.S. attorney or agent named herein will be so notified by the undersigned.

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APPENDIX A

I hereby claim the benefit under Title 35, United States Code, §119(e) of any United States provisional applications listed below:

1. 60/098716 filed 9/1/98
2. 60/098723 filed 9/1/98
3. 60/098749 filed 9/1/98
4. 60/098750 filed 9/1/98
5. 60/098803 filed 9/2/98
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27. PCT/US01/21066 filed 6/29/01
28. PCT/US01/21735 filed 7/9/01

**COMBINED DECLARATION FOR PATENT APPLICATION
AND POWER OF ATTORNEY**

As a below named inventor, I hereby declare that:

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SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC ACIDS ENCODING THE SAME

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Prior Foreign Application(s):

Priority Claimed
Yes No

Number	Country	Day/Month/Year Filed
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Application Ser. No.	Filing Date	Status: Patented, Pending, Abandoned
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Application Ser. No.	Filing Date	Status: Patented, Pending, Abandoned
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POWER OF ATTORNEY: As a named inventor, I hereby appoint all Attorney(s) and/or Agent(s) associated with the following Patent Office Issued Customer Number to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.



09157

PATENT TRADEMARK OFFICE

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I hereby declare that all statements made herein of my own knowledge and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment or both, under Section 1001 of Title 18 of the United States Code and that willful false statements may jeopardize the validity of the application or any patent issued thereon.

The undersigned hereby authorizes the U.S. attorney or agent named herein to accept and follow instructions from his foreign patent agent as to any action to be taken in the Patent and Trademark Office regarding this application without direct communication between the U.S. attorney or agent and the undersigned. In the event of a change in the persons from whom instructions may be taken, the U.S. attorney or agent named herein will be so notified by the undersigned.

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APPENDIX A

I hereby claim the benefit under Title 35, United States Code, §119(e) of any United States provisional applications listed below:

1. 60/098716 filed 9/1/98
2. 60/098723 filed 9/1/98
3. 60/098749 filed 9/1/98
4. 60/098750 filed 9/1/98
5. 60/098803 filed 9/2/98
6. 60/098821 filed 9/2/98
7. 60/098843 filed 9/2/98
8. 60/099536 filed 9/9/98
9. 60/099596 filed 9/9/98
10. 60/099598 filed 9/9/98
11. 60/099602 filed 9/9/98
12. 60/099642 filed 9/9/98
13. 60/099741 filed 9/10/98
14. 60/099754 filed 9/10/98
15. 60/099763 filed 9/10/98
16. 60/099792 filed 9/10/98
17. 60/099808 filed 9/10/98
18. 60/099812 filed 9/10/98
19. 60/099815 filed 9/10/98
20. 60/099816 filed 9/10/98
21. 60/100385 filed 9/15/98
22. 60/100388 filed 9/15/98
23. 60/100390 filed 9/15/98
24. 60/100584 filed 9/16/98
25. 60/100627 filed 9/16/98
26. 60/100661 filed 9/16/98
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31. 60/100710 filed 9/17/98
32. 60/100711 filed 9/17/98
33. 60/100848 filed 9/18/98
34. 60/100849 filed 9/18/98
35. 60/100919 filed 9/17/98
36. 60/100930 filed 9/17/98
37. 60/101014 filed 9/18/98
38. 60/101068 filed 9/18/98
39. 60/101071 filed 9/18/98
40. 60/101279 filed 9/22/98
41. 60/101471 filed 9/23/98
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48. 60/101738 filed 9/24/98
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58. 60/102484 filed 9/30/98
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62. 60/102684 filed 10/1/98
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73. 60/103633 filed 10/8/98
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83. 60/105266 filed 10/22/98
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91. 60/106030 filed 10/28/98
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101. 60/106902 filed 11/3/98
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103. 60/106919 filed 11/3/98
104. 60/106932 filed 11/3/98
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114. 60/108807 filed 11/17/98
115. 60/108848 filed 11/18/98
116. 60/108849 filed 11/18/98
117. 60/108850 filed 11/18/98
118. 60/108851 filed 11/18/98
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121. 60/108867 filed 11/17/98
122. 60/108904 filed 11/18/98
123. 60/108925 filed 11/17/98
124. 60/113296 filed 12/22/98
125. 60/114223 filed 12/30/98
126. 60/129674 filed 4/16/99
127. 60/141037 filed 6/23/99
128. 60/144758 filed 7/20/99
129. 60/145698 filed 7/26/99
130. 60/162506 filed 10/29/99

APPENDIX B

I hereby claim the benefit under Title 35, United States Code, §120 of any United States and PCT applications listed below:

US APPLICATIONS

1. 09/218517 filed 12/22/98
2. 09/284291 filed 4/12/99
3. 09/403297 filed 10/18/99
4. 09/872035 filed 6/1/01
5. 09/882636 filed 6/14/01

PCT APPLICATION

1. PCT/US99/00106 filed 1/5/99
2. PCT/US99/20111 filed 9/1/99
3. PCT/US99/21194 filed 9/15/99
4. PCT/US99/28313 filed 11/30/99
5. PCT/US99/28551 filed 12/2/99
6. PCT/US99/30095 filed 12/16/99
7. PCT/US00/00219 filed 1/5/00
8. PCT/US00/00376 filed 1/6/00
9. PCT/US00/03565 filed 2/11/00
10. PCT/US00/04342 filed 2/18/00
11. PCT/US00/05004 filed 2/24/00
12. PCT/US00/05841 filed 3/2/00
13. PCT/US00/06884 filed 3/15/00
14. PCT/US00/13705 filed 5/17/00
15. PCT/US00/14042 filed 5/22/00
16. PCT/US00/14941 filed 5/30/00
17. PCT/US00/15264 filed 6/2/00
18. PCT/US00/23328 filed 8/24/00
19. PCT/US00/23522 filed 8/23/00
20. PCT/US00/30873 filed 11/10/00
21. PCT/US00/30952 filed 11/8/00
22. PCT/US00/32678 filed 12/1/00
23. PCT/US01/06520 filed 2/28/01
24. PCT/US01/06666 filed 3/1/01
25. PCT/US01/17800 filed 6/1/01
26. PCT/US01/19692 filed 6/20/01
27. PCT/US01/21066 filed 6/29/01
28. PCT/US01/21735 filed 7/9/01